

## GUIDELINES FOR BASIC COMMERCIAL METER INSTALLATIONS AND REQUIREMENTS

(Not intended to be all-inclusive)

The following guidelines and procedures have been developed to assure proper installation of commercial meters.

- New and existing dwellings may split service connection for irrigation with backflow device behind meter and before split.
- MWS is not responsible for pressure loss or consumption and volume issues resulting from split connections.
- All permits issued for meter exchange will be subject to a full field inspection including box and valves.
- If an inactive service is activated, the purchase and installation of meter as well as upgrades to box and valves are the responsibility of the property owner.
- MWS provides some commercial meters in Automated Meter Read Project areas depending on existing meter age and serviceability.
- Permit holder is responsible for delivering vendor testing information to MWS Field Activities section by fax (615) 862-4699 or email [Field.activities.admin@nashville.gov](mailto:Field.activities.admin@nashville.gov). Include contact name, contact address, and permit location address.
- All commercial meters as well as detector checks must be Metro approved with encoded register connected to an MXU (meter Transceiver Unit).
- All meter and meter boxes must be installed or reconditioned accordance with the most current MWS specifications including the following:
  - Service line material must be brass, copper
  - Class 52 ductile iron pipe may be used for 3" (inches) or larger
  - Meter box depth can be between 2-3 feet in depth to prevent freezing
  - MXU must be mounted in the lid
  - All meters (1-1/2" inches or larger) must be equipped with test ports
- No compound meters may be installed on fire lines. All fire lines must be UL approved meters. **All** double check valves installed on fire protection must be equipped with a detector meter DDCVA.
- The MWS account will be placed in either the contractor or plumber's name within three (3) working days of the issuance of the permit on new installations. The account will remain in this name until a final inspection has been successfully completed. After final inspection, consumer may have the service placed in their name.